

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. (currently amended) An antenna pattern ~~characterized in that~~ comprising:

a conductor wire forming the antenna pattern, the conductor wire being ~~[[is]]~~ formed out of an aggregated wire consisting of mesh or continuously polygonal micro-image element lines or an aggregated wire consisting of parallel element lines.

2. (currently amended) ~~[[An]]~~ The antenna pattern according to claim 1, ~~characterized in that~~ wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are 5-300 ~~[[m]]~~ μm in line width and 5-1,000 ~~[[m]]~~ μm in line pitch interval.

3. (currently amended) ~~[[An]]~~ The antenna pattern according to claim 1, ~~characterized in that~~ wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are 5-50 ~~[[m]]~~ μm in line width and 5-500 ~~[[m]]~~ μm in line pitch interval.

4. (currently amended) ~~[[An]]~~ The antenna pattern according to claim 1, ~~characterized in that~~ wherein the mesh or continuously polygonal micro-image element lines or the parallel element lines are 5-30 ~~[[m]]~~ μm in line width and 5-150 ~~[[m]]~~ μm in line pitch interval.

5. (currently amended) [[An]] The antenna pattern according to claim 1, ~~characterized in that~~
wherein the mesh or continuously polygonal micro-image element lines or the parallel element
lines are 30-300 [[m]] μm in line width and 50-1,000 [[m]] μm in line pitch interval.

6. (currently amended) [[An]] The antenna pattern according to claim 1, ~~characterized in that~~
wherein the mesh or continuously polygonal micro-image element lines or the parallel element
lines are produced by use of a printing method or an etching system.

7. (currently amended) [[An]] The antenna pattern according to claim 1, ~~characterized in that~~
wherein the mesh or continuously polygonal micro-image element lines or the parallel element
lines are printed with printing ink or paste material mixed with conductive powder.

8. (currently amended) [[An]] The antenna pattern according to claim 1, ~~characterized in that~~
wherein the mesh or continuously polygonal micro-image element lines or the parallel element
lines are printed with printing ink or paste material mixed with conductive powder, and
conductive plating is further performed on the printed surface with or without aid of eletroless
plating.

9. (currently amended) ~~[[An]]~~ The antenna pattern according to claim 1, ~~characterized in that~~
wherein the mesh or continuously polygonal micro-image element lines or the parallel element
lines are printed with printing ink or paste material mixed with conductive powder, and at least
one of predetermined pressure treatment ~~and/or~~ and polishing treatment are performed further
thereon.

10. (currently amended) ~~[[An]]~~ The antenna pattern according to claim 1, ~~characterized in that~~
wherein the mesh or continuously polygonal micro-image element lines or the parallel element
lines are printed with printing ink or paste material mixed with conductive powder, at least one
of predetermined pressure treatment ~~and/or~~ and polishing treatment are further performed on the
printed surface, and conductive plating is further performed on the printed surface with or
without aid of eletroless plating.

11. (currently amended) ~~[[An]]~~ The antenna pattern according to claim 7, ~~characterized in that~~
wherein the conductive powder has an average particle size of 0.001-10 ~~[[m]]~~ μm, and is selected
from Cu, Ti, Fe, Ni, Mg, Pd, Ag, Au and C, or alloys thereof.

12. (currently amended) ~~[[An]]~~ The antenna pattern according to claim 1, ~~characterized in that~~
wherein the conductor wire has an amorphous alloy as a constituent component thereof.

13. (currently amended) An electromagnetic wave energy processing device ~~characterized by~~
comprising ~~[[an]]~~ the antenna pattern according to ~~claim 1~~ claim 1.

14. (currently amended) A sheet-like electromagnetic wave energy processing device ~~characterized in that an~~ wherein the antenna pattern according to claim 1 is provided on a sheet or a thin plate.

15. (currently amended) A sheet-like electromagnetic wave energy processing device ~~characterized in that~~ in which an antenna pattern according to claim 1 is provided on a sheet or a thin plate, and a coating or a thin sheet is laminated further thereon.

16. (currently amended) An electromagnetic wave energy processing device, ~~characterized in that~~ in which the electromagnetic wave energy processing device is an antenna having ~~[[an]]~~ the antenna pattern according to claim 13.

17. (currently amended) An electromagnetic wave energy processing device, ~~characterized in that~~ in which the electromagnetic wave energy processing device is an electromagnetic wave shielding filter having ~~[[an]]~~ the antenna pattern according to claim 13.

18. (new) An antenna pattern comprising:

a conductor wire forming the antenna pattern, the conductor wire being formed out of an aggregated wire of fine lines consisting of lattice-type mesh.

19. (new) An antenna pattern comprising:

a conductor wire forming the antenna pattern, the conductor wire being formed out of an aggregated wire of continuously polygonal micro-image element lines.

20. (new) An antenna pattern comprising:

a conductor wire forming the antenna pattern, the conductor wire being formed out of an aggregated wire consisting of parallel element lines.